

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED GAS SUB. REPORT/abd

* Application rescinded- Well never drilled- 1-28-83

DATE FILED 4-6-82

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-0145469

INDIAN

DRILLING APPROVED: 4-15-82

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA 1-28-83

FIELD: UNDESIGNATED 3/86

UNIT:

COUNTY: UINTAH

WELL NO. NGC #43-8

API NO. 43-047-31203

LOCATION 1951

FT. FROM (N) (S) LINE.

817

FT. FROM (E) (W) LINE.

NE SE

1/4 - 1/4 SEC. 8

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

9S

24E

8

NATURAL GAS CORP.

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

April 6, 1982

Mr. E. W. Guynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Director, Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #43-8 Federal
NE SE Section 8, T.9S., R.24E.
Uintah County, Utah
Devils Playground Unit

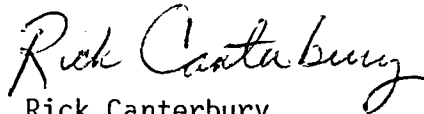
Gentlemen:

Natural Gas Corporation of California proposes to drill the above captioned well. Enclosed are the following documents:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Plan
- 4) 13 Point Surface Use Plan

Should you require additional information, please contact this office.

Sincerely,



Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface
817' FEL and 1951' FSL (NE $\frac{1}{4}$ SE $\frac{1}{4}$) Section 8, T.9S., R.24E.
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 3 miles northwest of Bonanza, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

817'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

2188.05

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

19. PROPOSED DEPTH

8500 *Minor*

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5114' Un. Gr.

22. APPROX. DATE WORK WILL START*

June 15, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|----------------------------------|
| 17-1/2" | 13-3/8" | Line Pipe | 80 | To surface |
| 12-1/4" | 9-5/8" | 36, K-55 | 2000 | As required to protect oil shale |
| 7-7/8" | 5-1/2" | 17, N-80 | T.D. | As required to protect oil shale |

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 4/15/82BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Rick Canterbury
Rick Canterbury
(This space for Federal or State office use)

TITLE Associate Engineer

DATE April 6, 1982

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

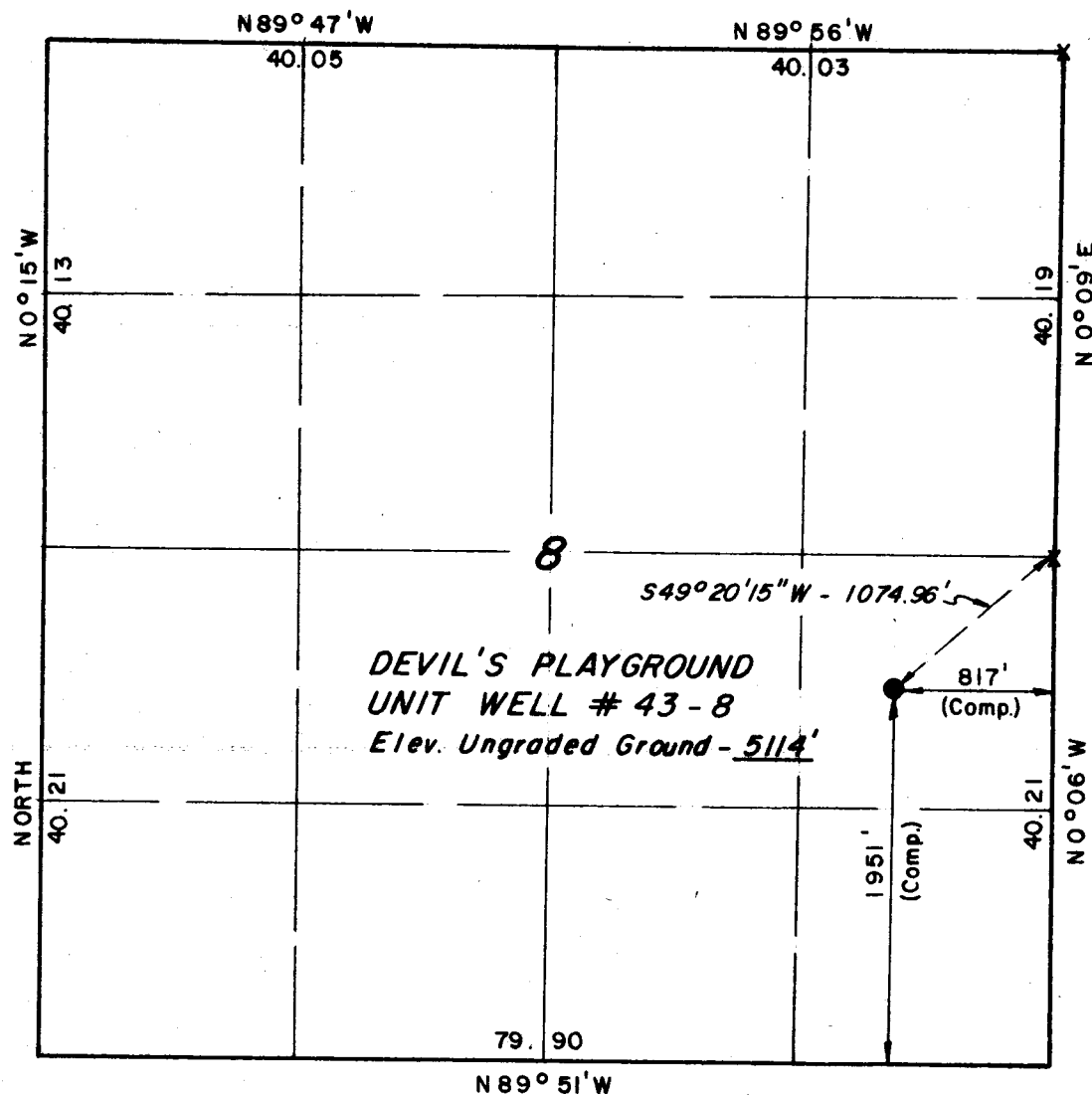
DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management Service; Div. OG&M; Operations; CTCIark; ERHenry

*See Instructions On Reverse Side

T 9 S , R 2 4 E , S . L . B . & M .



X = Section Corners Located

PROJECT

NATURAL GAS CORP OF CALIF.

Well location, **DEVIL'S PLAYGROUND UNIT WELL # 43 - 8**, located as shown in the NE 1/4 SE 1/4 Section 8, T 9 S, R 2 4 E, S . L . B . & M . Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence C. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

| | | | |
|---------|------------|------------|-------------|
| SCALE | 1" = 1000' | DATE | 4/2/82 |
| PARTY | RK BK RP | REFERENCES | GLO Plat |
| WEATHER | Fair | FILE | NATURAL GAS |

Ten Point Plan
 Devils Playground Well #43-8 Federal
 NE¼ SE¼ Section 8, T.9S., R.24E.
 Uintah County, Utah

1. Surface Formation: Uintah
2. Estimated Formation Tops and Datum:

| <u>Formation</u> | <u>Depth</u> | <u>Datum</u> |
|----------------------|--------------|--------------|
| Uintah | Surface | 5136' KB |
| Tertiary Green River | 843' | 4293' |
| H Marker | 2785' | 2351' |
| K-Douglas Creek | 3887' | 1249' |
| N Marker | 3808' | 1328' |
| Wasatch | 4132' | 1004' |
| Mesaverde | 5748' | - 612' |
| Buck Tongue | 8063' | -2927' |
| Castle Gate | 8129' | -2993' |
| Mancos | 8323' | -3187' |

3. Producing Formation Depth:
 Wasatch and Mesaverde

4. Proposed Casing Program:

| <u>Hole Size</u> | <u>Casing Size</u> | <u>Weight/Ft.</u> | <u>Setting Depth</u> | <u>Casing New/Used</u> |
|------------------|--------------------|-------------------|----------------------|------------------------|
| 17-1/2" | 13-3/8" | Line Pipe | 80 | New |
| 12-1/4" | 9-5/8" | 36, K-55 | 2000 | New |
| 7-7/8" | 5-1/2" | 17, N-80 | T.D. | New |

5. BOP and Pressure Containment Data: A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

| <u>Interval</u> | <u>Mud Weight lbs./gal.</u> | <u>Viscosity Sec./Qt.</u> | <u>Fluid Loss ML/30 mins.</u> | <u>Mud Type</u> |
|-----------------|---------------------------------|-------------------------------|-----------------------------------|-----------------|
| 0-2000' | Clear Water | ----- | No Control | Water/Gel |
| 2000-8500' | 9.5 | 35 | 10cc/less | Brine |

7. Auxiliary Equipment: Upper kelly cock, full opening stabbing valve, 2½" choke manifold, and pit level indicator.

8. Testing, Coring, Sampling and Logging:

a) Testing: Drill stem test will be conducted at the discretion of the well site geologist.

b) Coring: Possibly one in the Mesaverde.

c) Sampling: Samples will be collected every 30' from surface to Green River top and every 10' from Green River to T.D.

d) Logging:

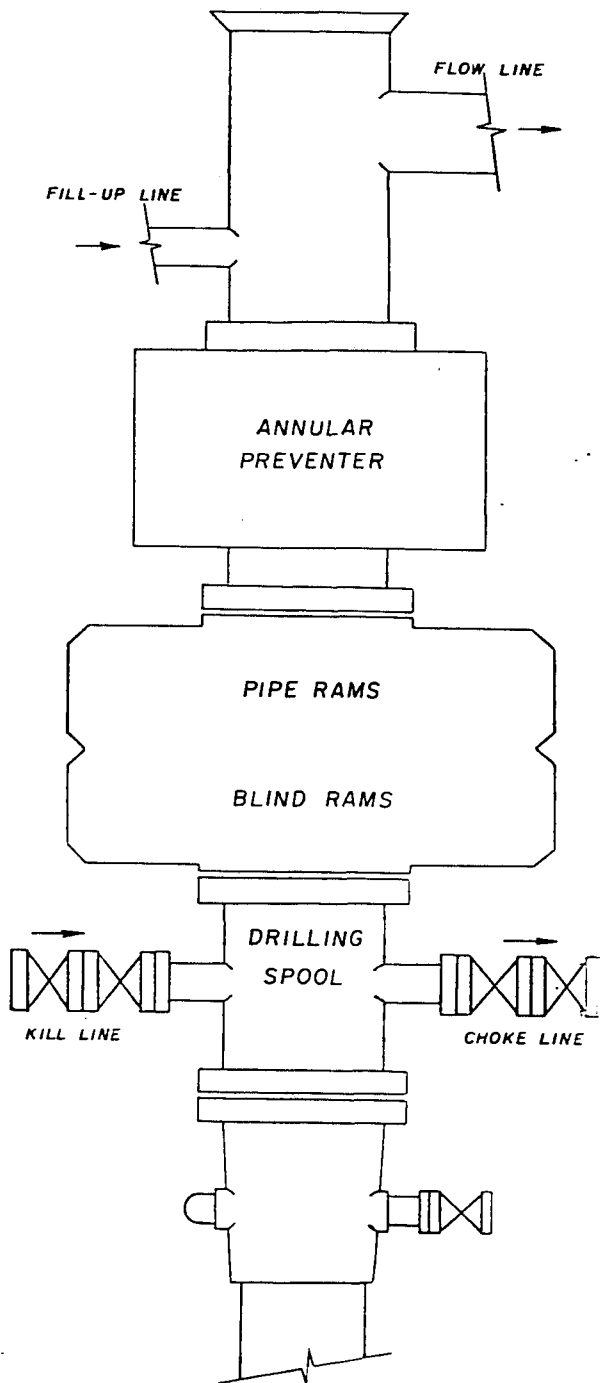
| <u>Type</u> | <u>Interval</u> |
|------------------------------|-----------------|
| FDC-CNL | |
| DIL-GR | Surface to T.D. |
| BHC-Sonic with F-Log Overlay | |

9. Abnormalities (including sour gas): No abnormal pressures, temperatures, or other potential hazards are anticipated.

10. Drilling Schedule: Anticipated starting date is June 15, 1982; duration of operations is 30 days.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

Devils Playground Well #43-8 Federal
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 8, T.9S., R.24E.
Uintah County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2 $\frac{1}{2}$ " choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

Natural Gas Corporation of California

13 Point Surface Use Plan

NGC Well #43-8 Federal

in

Section 8, T.9S., R.24E.

Uintah County, Utah

1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #43-8, proceed east from Vernal, Utah on U.S. Highway 40 for 24 miles to the junction of State Highway 45; go south off Highway 45 towards Bonanza for 18.2 miles and then take an improved dirt road west for 1.2 miles to NGC Well #41-9 and the proposed access road will start at this point.

2. PLANNED ACCESS ROAD

See attached topographic map B.

There will be approximately 1.3 miles of new road construction required to access this well location.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 40 feet.
- 2) Maximum grade - 4%.
- 3) Turnouts - None.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - No major cuts or fills will be required.
- 6) Surfacing materials - None.
- 7) Gates, cattleguards, or fence cuts - None.
- 8) The proposed road has been flagged.

3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 1) Water Wells - None.
- 2) Abandoned Wells - None.
- 3) Temporarily Abandoned Wells - None.

- 4) Disposal Wells - None.
- 5) Drilling Wells - None.
- 6) Producing Wells - None.
- 7) Shut-in Wells - NGC 41-9 in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9, T.9S., R.24E.
- 8) Injection Wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A.
 - (1) Tank batteries - none.
 - (2) Production facilities - none.
 - (3) Oil gathering lines - none.
 - (4) Gas gathering lines - none.
- B.
 - (1) In the event production is established, plans for a gas pipeline from this location to the existing gathering lines will be submitted under an amendment to this plan for approval. All petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
 - (2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
 - (3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map C.

Water will be hauled from Bonanza, Utah and will be purchased from American Gilsonite Company.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store nonflammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within 4 inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or, (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the trash cages.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 5 inches of soil material will be stripped and stockpiled. This will amount to approximately 1100 cubic yards of material that will be stockpiled.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used:

The seed mixture will be: determined by the Bureau of Land Management at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

- 1) The proposed well is located on Federal land that is administered by the Bureau of Land Management.
- 2) The nearest water is the White River, approximately 5½ miles to the south.
- 3) Several small drainages will have to be rerouted around the west end of the location.
- 4) There are no known historical, archaeological or cultural sites in the area of the location or road.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078
Attn: Bill Ryan or Rick Canterbury

Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

April 6, 1982
Date

Rick Canterbury
Rick Canterbury, Associate Engineer



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078T & R
U-802NATURAL GAS CORPORATION
ENCLOSURE (DOUBLE FILE NOTE)

March 29, 1982

Rick Canterbury
Associate Engineer
Natural Gas Corporation
of California
85 South 200 East
Vernal, Utah 84078RJF _____
WAR _____ SLR _____
KMH _____

Re: Natural Gas Corporation
Glen Bench Unit Well #34-1
Sec. 1 T8S, R22E; Glen
Bench Unit Well #24-12 Sec
12, T8S, R22E; Glen Bench
Unit Well ~~#44-14~~ Sec 14,
T8S, R22E; Glen Bench Unit
Well #44-15 Sec. 15, T8S,
R22E; Glen Bench Well #44-4
Sec. 4, T8S, R23E; Glen
Bench Unit Well #43-8 Sec.
8, T9S, R24E; Glen Bench
Unit Well #41-7 Sec. 7,
T10S, R24E.

Dear Sir:

Neither BLM nor USGS have any objections to the staking of the above referenced wells or access roads.

A cultural resource will be needed for those lands not previously surveyed prior to any surfaced disturbance. An acceptable cultural resource professional must be engaged by the operator to clear the proposed road and pad site. To avoid unnecessary delays, a sufficient amount of area should be cleared to allow for any relocation made during the joint field examination. A cultural resource clearance cannot be conducted when snow covers the ground.

If water for these wells is obtained from water sources on BLM administered land, this office must be given a written agreement with the person(s) who have the water rights and/or a copy of a temporary water filing approved by the State of Utah. The agreement and/or temporary water filing must include the correct legal description.

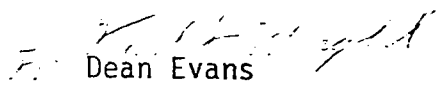
Well #44-4 is located within an antelope kidding area. In order to protect important seasonal wildlife habitat exploration, drilling, and other development activity will be allowed only during the period from July 20 to May 15. This limitation does not apply to maintenance and

operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

Well #41-7 is located within a "No Surface Occupancy" area due to its proximity to the White River. This office will work with your company to find a location acceptable to both parties, however this office does reserve the right to enforce said stipulation if an acceptable location cannot be found.

The BLM representative will be Cory Bodman, (801) 7891362.

Sincerely,


Dean Evans
Area Manager
Bookcliffs Resource Area

SCALE: 1" = 50'
DATE: 4/2/82

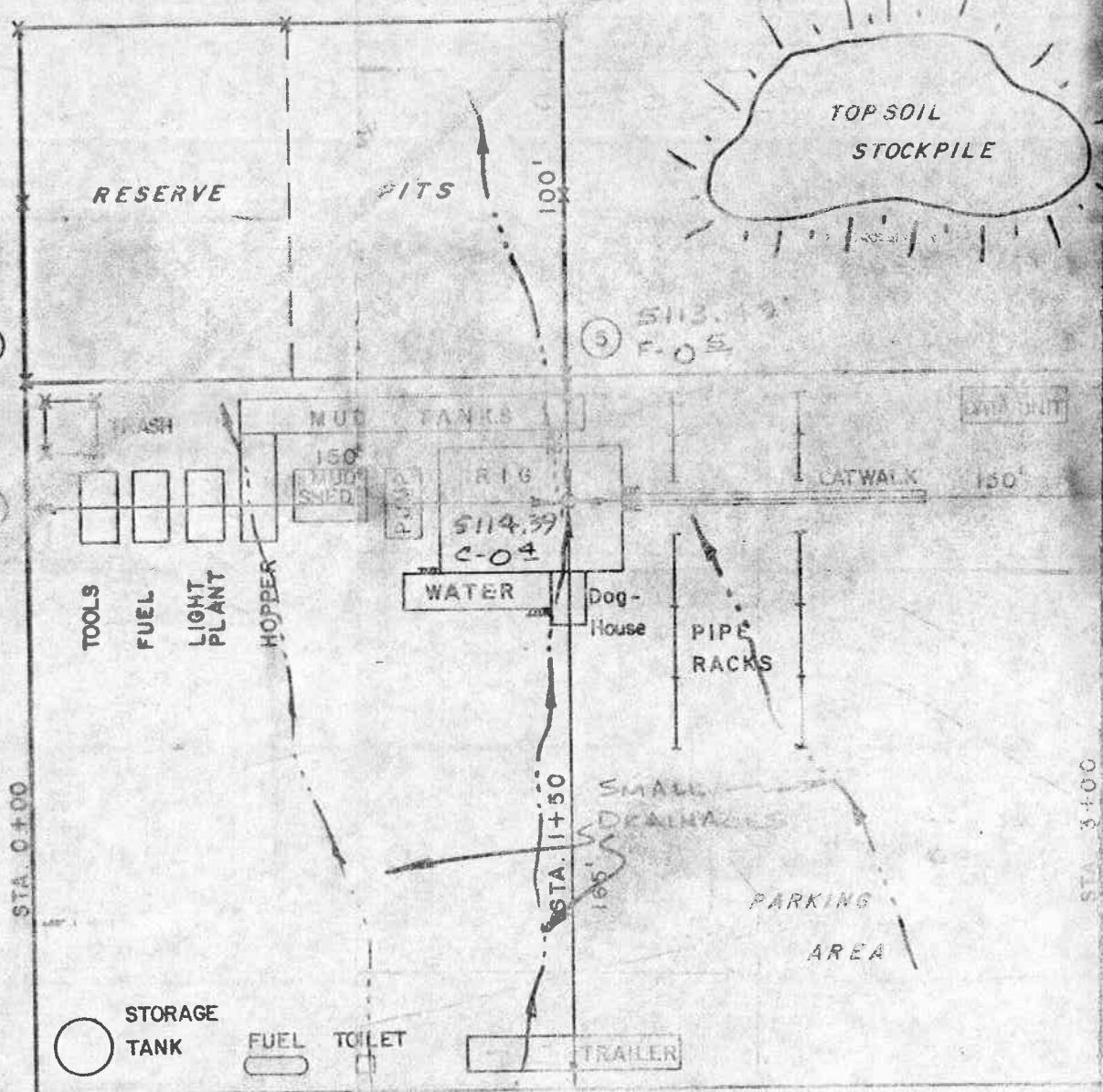


5112.09'
C-6 To bottom of Pit

5113.49'
C-7 To bottom of Pit

(A)

(S)



5114.39'
C-04

(4)

5113.49'
C-05

(5)

5116.09'
C-21

(6)

5115.19'
C-12

(3)

5115.59'
C-18

(7)

Re-routed
DRAINAGES

Access
ROAD

5119.49'
C-55

(2)

5124.69'
C-101

(1)

5123.16'
C-92

(8)

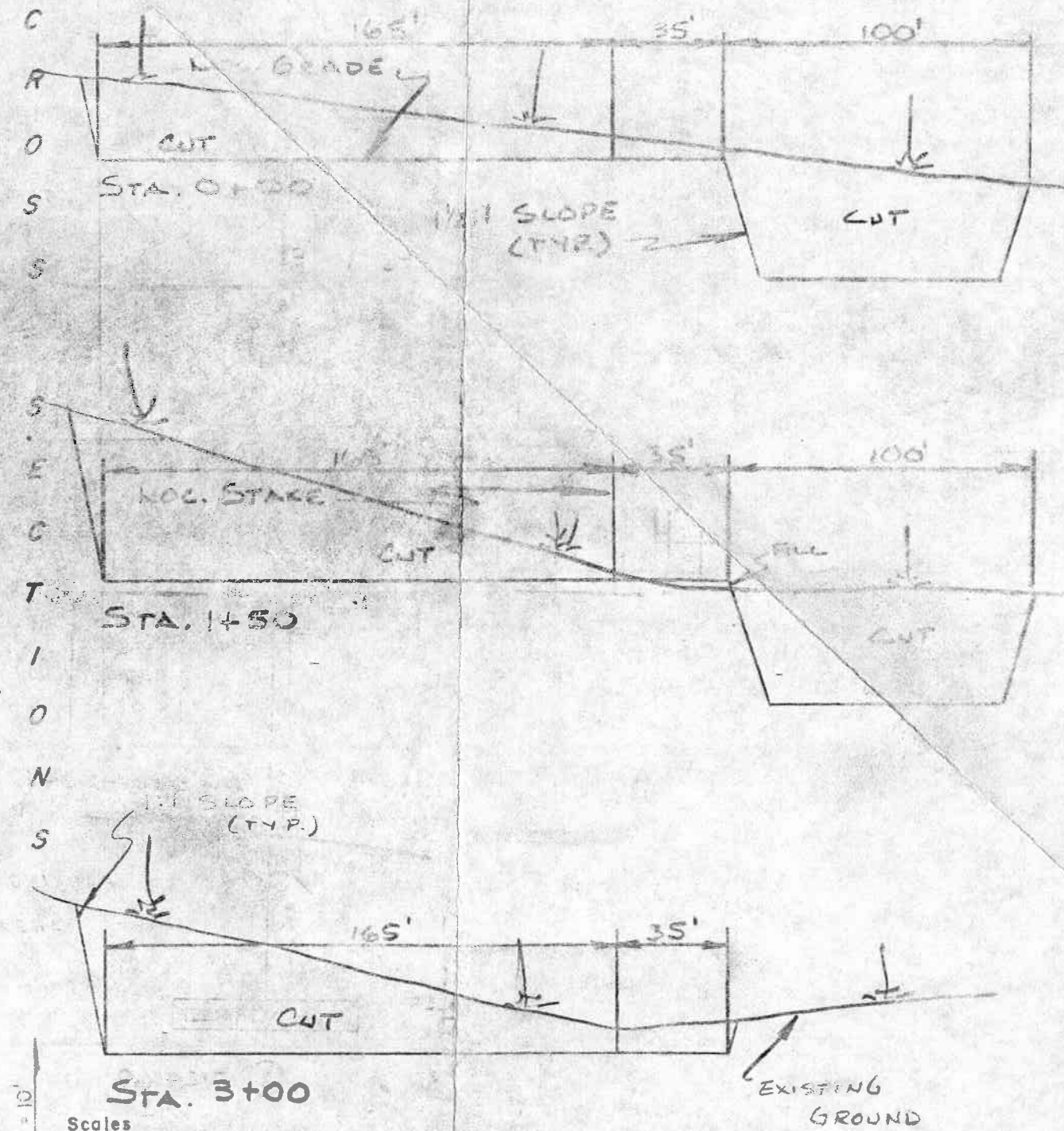
TOP SOIL
STOCK PILE

SOILS LITHOLOGY
- No Scale -

Light Brown
Sandy Clay

NATURAL GAS CORP. OF CALIF.

DEVIL'S PLAYGROUND UNIT WELL #43-8
LOCATION LAYOUT & CUT SHEET



Scales

1" = 50'

APPROX. YARDAGES

Cubic Yards Cut - 16,340

Cubic Yards Fill - 30

SCALE - 1" = 4 MI.



PROPOSED LOCATION

20.7 Mi

T85
T95
Underground pipeline

R.
23

R
24

10 BLANCO CQ 58

NATURAL GAS CORP.
OF CALIF.

DEVIL'S PLAYGROUND UNIT #43-B
PROPOSED LOCATION

Topo.

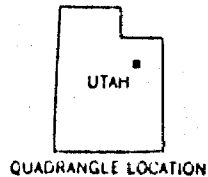
MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light duty

Unimproved dirt



QUADRANGLE LOCATION

R
23
E

R
24
E

U.S. HIGHWAY 40 - 18.2 Mi.
VERNAL, UT. - 43.2 Mi.

PROPOSED LOCATION
DEVIL'S PLAYGROUND
UNIT WELL #43-B

PROPOSED ACCESS
ROAD - 1.3 MILES

1.2
Mi.

EXISTING LOCATION

PIPELINE

PIPELINE

PIPELINE

PIPELINE

PIPELINE

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MINERALS MANAGEMENT SERVICE
OPERATIONS RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | | | |
|---|--|--|---|--|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> | | | 5. LEASE DESIGNATION AND SERIAL NO. U-0145459 | | |
| b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | |
| 2. NAME OF OPERATOR Natural Gas Corporation of California | | | 7. UNIT AGREEMENT NAME Devils Playground | | |
| 3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573 | | | 8. FARM OR LEASE NAME Federal | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 817' FEL and 1951' FSL (NE $\frac{1}{4}$ SE $\frac{1}{4}$) Section 8, T.9S., R.24E. At proposed prod. zone | | | 9. WELL NO. NGC Well #43-8 | | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 3 miles northwest of Bonanza, Utah | | | 10. FIELD AND POOL, OR WILDCAT South Red Wash | | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 817' | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8, T.9S., R.24E. | | |
| 16. NO. OF ACRES IN LEASE 2188.05 | | | 12. COUNTY OR PARISH Uintah | | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 320 | | | 13. STATE Utah | | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 8500 | | | 20. ROTARY OR CABLE TOOLS Rotary | | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5114' Un. Gr. | | | 22. APPROX. DATE WORK WILL START* June 15, 1982 | | |

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|----------------------------------|
| 17-1/2" | 13-3/8" | Line Pipe | 80 | To surface |
| 12-1/4" | 9-5/8" | 36, K-55 | 2000 | As required to protect oil shale |
| 7-7/8" | 5-1/2" | 17, N-80 | T.D. | As required to protect oil shale |

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Rick Canterbury TITLE Associate Engineer DATE April 6, 1982
(This space for Federal or State office use)

PERMIT NO. APM APPROVAL DATE for E. W. Guynn
APPROVED BY W. P. Mautus TITLE District Oil & Gas Supervisor DATE JUN 10 1982
CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management Service; Div. OG&M; Operations; CTCIark; ERHenry

NOTICE OF APPROVAL

*See Instructions On Reverse Side
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

State of CO

Identification CER/EA No. 250-82

SALT LAKE CITY, UTAH

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California
Project Type Gas Well
Project Location 817' FEL 1951' FSL Section 8, T. 9 S., R. 24 E.
Well No. 43-8 Lease No. U-0145459
Date Project Submitted April 9, 1982

FIELD INSPECTION

Date April 28, 1982

Field Inspection
Participants

Greg Darlington - MMS, Vernal
Cory Bodman - BLM, Vernal
Bill Ryan - NECC
Earl Cady - Ross Construction, Larry Gurr - Gurr Construction
Jim Hacking - Skewes Construction
Floyd Murray and Bob Cook - D.E. Casada

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

May 13, 1982

Date Prepared

Gregory Darlington
Environmental Scientist

I concur

MAY 14 1982

Date

E. W. Gynn
FOR E. W. GYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

Proposed Actions :

NGCC plans to drill the ^{Devils Playground} #43-8 well, an 8500' gas test of various formations. About 1.5 miles of new access road would be built some of it using existing jeep trails to reach the existing PTS #41-9 well and its service road from the location. A pad 200' by 300' and a reserve pit 100' by 150' are described in the layout diagram.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: April 28, 1982

Well No.: 43-8

Lease No.: V-0145459

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Topsoil between 1 and 2
route drainages as shown in layout diagram.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) A long rough access road to a reasonable

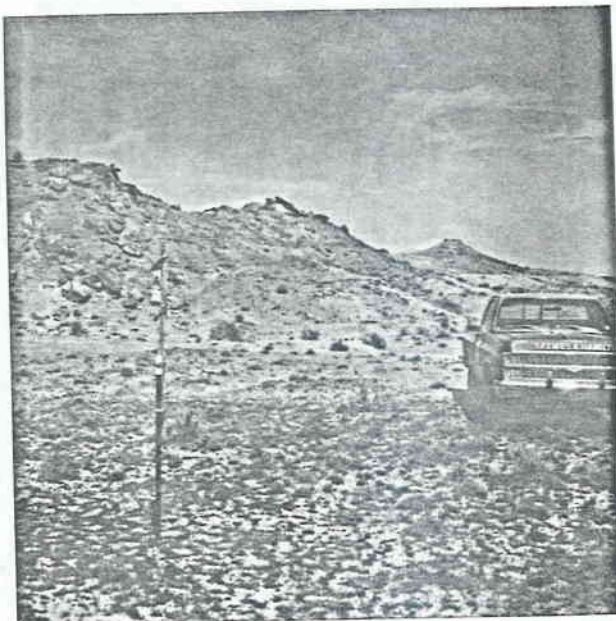
looking location.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

| Criteria 516 DM 2.3.A | Federal/State Agency | | | Local and private corre- spondence (date) | Previous NEPA | Other studies and reports | Staff expertise | Onsite inspection (date) | Other |
|---|-------------------------------|--------------------------|-------------------|---|------------------|------------------------------------|--------------------|--------------------------------|-------|
| | Corre- spondence (date) | Phone check (date) | Meeting (date) | | | | | | |
| Public health and safety | | | | | | | 1, 2, 4, 6 | April 28 1982 | |
| Unique charac- teristics | | | | | | | 1, 2, 4, 6 | | |
| Environmentally controversial | | | | | | | 1, 2, 4, 6 | | |
| Uncertain and unknown risks | | | | | | | 1, 2, 4, 6 | | |
| Establishes precedents | | | | | | | 1, 2, 4, 6 | | |
| Cumulatively significant | | | | | | | 1, 2, 4, 6 | | |
| National Register historic places | | | | | | | 1, 6 | | |
| Endangered/ threatened species | | | | | | | 1, 6 | | |
| Violate Federal, State, local, tribal law | | | | | | | 1, 2, 4, 6 | | |

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements Other than the Items 1-7.*



North View
NGCC 43-8

**** FILE NOTATIONS ****

DATE: 4-13-82

OPERATOR: Natural Gas Corp of California

WELL NO: NGC #43-8

Location: Sec. 8 T. 9S R. 24E County: Unitab

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-047-31203

CHECKED BY:

Petroleum Engineer: _____

Director: OK unit well

Administrative Aide: Unit well

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Ind.

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

April 15, 1982

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

RE: Well No. NGC 43-8
Sec. 8, T. 9S, R. 24E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

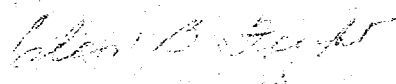
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31203.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director

CBF/as
Encl.
cc: Minerals Management Service



United States Department of the Interior

IN REPLY REFER TO

T & R
U-802

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

May 11, 1982



Ed Gynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Natural Gas Corp. of California
Well #44-15 Sec. 15, T8S, R22E
Well #44-14 Sec. 14, T8S, R22E
Well #14-12 Sec. 12, T8S, R22E
Well #34-1 Sec. 1, T8S, R22E
Well #44-4 Sec. 4, T8S, R22E
Well #43-8 Sec. 8, T9S, R24E
Well #41-7 Sec. 7, T10S, R24E

Dear Sir:

A joint field examination was made on April 28, 1982, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
3. The BLM will be notified at least 24 hours prior to any construction.
4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.

5. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
7. PR Spring may not be used as a water source.
8. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled from the topsoil.
9. Trees and brush will be pushed off the road and pad prior to any mineral soil being bladed.
10. At locations #44-15, #44-14, and #34-1, the top 6 inches of topsoil will be stockpiled between reference corners #'s 1 & 2 and #'s 1 & 8.
11. Well #44-14 was moved 20 feet due north, and the access road was changed so that it follows the existing jeep trail where possible.
12. At #14-12, the top 6 inches of topsoil will be stockpiled near reference corner #8. Also, the existing drainages near the location will be rerouted to protect the pad and reserve pits.
13. At well #34-1, the reserve pit width was reduced by 20 feet, and lengthened by at least 20 feet.
14. At well #44-4, the top 6 inches of topsoil will be stockpiled near reference corner #6.
15. At well #41-7, the reserve pit was pulled in by 20 feet. It shall be lined and the upper end shall be rip rapped. The pad will be a bench type with the upper part to be used by trailers, etc. This was done to reduce the amount of sidehill cutting. The top 6 inches of topsoil will be stockpiled as addressed in the company's A.P.P.

Well #44-4 is located within an antelope kidding area. In order to protect important seasonal wildlife habitat exploration, drilling, and other development activity will be allowed only during the period from July 20 to May 15. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

An archaeological clearance has been conducted by Utah Archaeological Research Corporation of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

The BLM representative will be Cory Bodman, (801) 789-1362.

Sincerely,

For *Kach J. Wright*
Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

January 20, 1983

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: /Rescind Applications for Permit to
Drill

Well No. 23-16

Section 16, T.8S., R.23E.

/Well No. 43-8

Section 8, T.9S., R.24E.

Devil's Playground Unit

Lease U-0145459

/Well No. 41-7

Section 7, T.10S., R.24E.

Devil's Playground Unit

Lease U-0150130

All in Uintah County, Utah

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved April 27, 1982, and June 10, 1982 respectively. We are rescinding the approvals per your letter dated January 11, 1983. If you intend to drill at the locations at a future date, new applications for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved location of the wells will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS
Drilling Unit Supervisor

for E. W. Guynn

District Oil and Gas Supervisor

bcc: SMA

State O&G ✓

State BLM

Vernal

Well Files

APD Control

WPM/kr



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 28, 1983

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

RE: Well No. 23-16
Sec. 16, T.8S, R.23E

Well No. 43-8
Sec. 8, T.9S, R.24E

Well No. 41-7
Sec. 7, T.10S, R.24E
Uintah County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced wells are rescinded without prejudice as of the above date in concert with action taken by Minerals Management Service.

If you intend to drill these locations at a future date, new applications for permit to drill may be submitted for State approval.

Sincerely,

Norm Stout
Administrative Assistant

NS/as